

# ECAP® AC



## ANTI-MOULD FINISHING MORTAR IN ACRYLIC PASTE

### ECAP® AC Anti-mould finishing mortar in acrylic paste

<p><b>PRODUCT</b></p>	<p>Ecaph® AC is a ready to use finishing mortar in paste, based on water binders in aqueous dispersion, that can be pigmented. It is specific for interventions on new or existing façades, both for the decoration of reinforced smoothing and in external wall insulation. Thanks to its formula, it completely protects the façade from rain and weather. It is also indicated in case of extreme and critical weather conditions (humid climate or in case of smog). The special addition in the formula guarantees an excellent protection against mould and algae. The combination with coloured paints, it assures a good durability and brilliance. Available in 4 different grain-sizes.</p>
<p><b>PACKAGING AND STORAGE</b></p>	<ul style="list-style-type: none"> <li>· Bucket of 25 kg</li> <li>· Stock in the original closed package. To be used within 18 months.</li> </ul>
<p><b>CONSUMPTION / YIELD</b></p>	<p>1,0 mm: approx. 1,7 kg/m<sup>2</sup> - 1,2 mm: approx. 2 kg/m<sup>2</sup> - 1,5 mm: approx. 2,6 kg/m<sup>2</sup> - 2,0 mm: approx. 3,2 kg/m<sup>2</sup></p>
<p><b>APPLICATION FIELDS</b></p>	<p>Ecaph® AC is indicated for the decoration of surfaces in new or existing interior environments, both for residential, industrial and commercial buildings. It is recommended the use of the product on cured supports, that is to say after a curing time of at least 4 weeks. It can be applied on the following supports:</p> <ul style="list-style-type: none"> <li>· Thermal insulation systems.</li> <li>· Thermal plasters.</li> <li>· Lime and cement-based plasters.</li> <li>· Reinforced smoothing mortars in the renovation cycle of façades.</li> <li>· Concrete.</li> <li>· Prefab boards on concrete.</li> </ul> <p>For further application, consult <i>Edilteco Technical Dpt.</i></p>
<p><b>ADVANTAGES</b></p>	<ul style="list-style-type: none"> <li>· <b>High hydrophobic:</b> its specific formulation allows a complete protection from weather, creating a protective layer that prevent the passage of rain water, keeping the walls dry.</li> <li>· <b>Workability:</b> the thixotropy of the coating combines an excellent flowing of the coating and a good adhesion to the support, in order to limit the risk of material's detaching during the application.</li> <li>· <b>Improved open time:</b> in standard conditions, it allows to realize easily large façades, thanks to an longer working time.</li> <li>· <b>Protection against mould and algae:</b> the special anti-mould additives guarantee a good protection from moulds and algae.</li> <li>· <b>Wide colour choice:</b> Ecaph® AC can be pigmented in 200 differents colours.</li> </ul>
<p><b>APPLICATION</b></p>	<p><b>Preparation of the support:</b> In case of old surfaces it is necessary to remove any swollen detaching part or not sufficiently cohesive, taking care to restore them later by recreating the correct flatness. In case of new surfaces, it is recommended to pre-treat the support with Ecaph® F primer, in order to uniform and decrease absorption. On existing but "crumbling" surfaces, proceed with the application of a high penetration fixative to compact the surface. If the support shows mould or algae, pre-treat the affected surfaces with a suitable biocide. The support, ready for application, must be clean, flat, cohesive and free from any type of release agent.</p>



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<b>APPLICATION</b>	<p><b>Preparation of the product:</b> The product is ready to be used and can be applied manually or using a specific equipment. It is recommended, in any case, to mix the product with a mixer drill, in order to soften the mixing, and, in the case of a colored product in medium / strong colors, to homogenize the paste with the pigments.</p> <p><b>Application:</b> For the manual application proceed with the preparation of the product using a stainless steel American trowel on the support. Work it by turning the product in a circular motion. If the coating is not entirely applied in one single cycle could easily create chromatic changes or "non-colored" effects on the texture of the coating. Even the use of different types of spatulas, or working with different circular movements in the application, could compromise the homogeneity of the final yield of the finishing. Make sure that the surfaces being laid are not exposed to direct sunlight, to wind, and that the installation is not carried out in the presence of mists or high levels of air humidity. In the case of direct exposure to sunlight, provide adequate protections to prevent the support from overheating. A correct protection also avoids chiaroscuro effects on the color of the coating. Ensure that the ambient and support temperature during application is between +5 °C and +35 °C.</p>			
<b>TECHNICAL CHARACTERISTICS</b>	<b>CHARACTERISTIC</b>	<b>VALUE</b>	<b>STANDARD REQUIREMENT</b>	<b>REGULATION *</b>
	Aspect:	white paste	-	-
	Dilution:	ready to use	-	-
	Drying time:	3 - 4 hours at +20 °C to the touch 24 hours at +20 °C to complete drying	-	-
	Application temperature:	from +5 °C to +35 °C at 70% H.R.	-	-
	Binder:	acrylic	-	-
	Specific weight:	1,85 kg/L	-	-
	Filth grip:	low	-	-
	Brilliance:	opaque	-	-
	COV (Directive 2004/42/CE) for the coating of external walls (Cat A/c):	< 30 g/L of COV	-	-
	Coefficient of water vapour permeability $\mu$ :	V2	V1 (high) V5 (low)	UNI EN ISO 7783/2 - 2001
	Water absorption:	W3	W1 (high) W3 (low)	UNI EN 1062/3-2001
	Adhesion:	> 0,3 MPa	> 0,3 MPa	ISO 4624-2002
	Durability:	> 0,3 MPa	> 0,3 MPa	UNI EN 13687-3
	Thermal conductivity $\lambda$ :	0,70 W/(mK)	-	UNI EN 1745
	Fire reaction:	Euroclass A2-s1,d0	-	UNI EN 13501-1
<b>WARNINGS</b>	<ul style="list-style-type: none"> <li>· Do not apply on frozen or thawing supports.</li> <li>· In case of critical supports it is necessary to check them in advance. Contact <i>Edilteco Technical Department</i>.</li> <li>· Store the primer buckets in a place protected from direct sunlight and at temperatures not lower than +5 °C, in order not to compromise the quality of the material.</li> <li>· Always check the material before application, to make sure that the color matches the required one.</li> <li>· Any complaint regarding the color will not be accepted after application.</li> <li>· It is not possible to guarantee a drying without color differences (spots) caused by: <ul style="list-style-type: none"> <li>- the possible different atmospheric and physical conditions of the building;</li> <li>- the correspondence of a scaffolding;</li> <li>- the conditions of the support (such as structure, absorbency, etc.);</li> <li>- the use of natural raw materials.</li> </ul> </li> </ul>			

\* according to UNI EN 15824.



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WARNINGS	<ul style="list-style-type: none"> <li>· Protect from direct sunlight and rain for the first 48-72 hours. The effective temperature and the air humidity rate may speed or slow down the drying time.</li> <li>· Protect eyes and hands during the application.</li> <li>· After use, wash the equipment with water.</li> <li>· For information about waste disposal, storage and handling, consult the <i>Safety datasheet</i>.</li> </ul>
SPECIFICATIONS	<p>Ready to use covering in paste, composed of acrylic binder to be pigmented in aqueous dispersion. High water repellency and workability, certified according to ETICS standards, characterized by anti-mould and anti-algae properties.</p>
<p>All the indications provided in this technical data sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on building sites the final characteristics of the products may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check suitability of the product for its specific use, undertaking all liability implicit in and deriving from use of the product, as well as comply with all methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this mechanical data sheet on its final judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.</p>	



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